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(54) LIQUID CURABLE RESIN COMPOSITION

(57)Abstract:

PURPOSE: To provide a liq. curable resin compsn. which can provide a cured product, having no significant change in properties over a broad temp. range, and is suitable for coating of an optical fiber by comprising a silicone urethane (meth)acrylate, a specified alicyclic (meth)acrylate, and a polymn. initiator.

CONSTITUTION: This liq. curable resin compsn. comprises (A) pref. 15 to 60 (wt).% silicone urethane (meth)acrylate (pref. having an average mol.wt. of 2,000 to 20,000); (B) pref. 20 to 70% alicyclic (meth)acrylate having a polymerizable double bond with Tg of a homopolymer thereof being 50° C or above; and (C) pref. 0.5 to 5% polymn. initiator (e.g. 1-hydroxycyclohexyl phenyl ketone).

LEGAL STATUS

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